Ontario Ministry of Northern Development and Mines

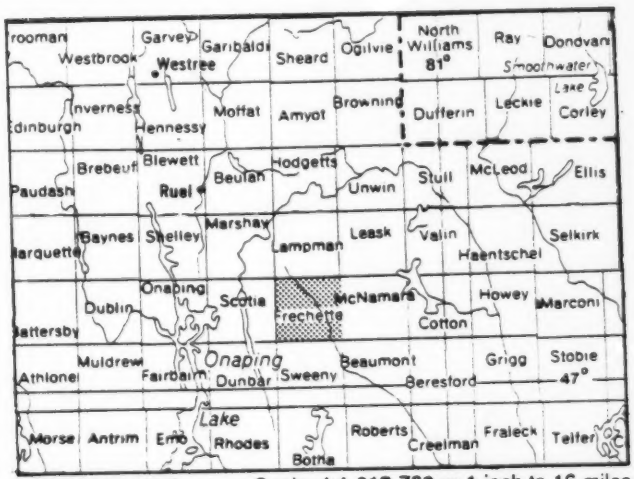
Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 482

FRECHETTE TOWNSHIP

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO Mineral Development Exploitation Minerale

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

90-01094/

NTS Number 41 P/3

Mining Claim Map Number M.817

This project was funded under the Canada-Ontario Mineral Development Agreement (COMDA)

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey 1989. Frechette Township, Geological Data Inventory Folio 482; compiled by the staff of the Resident Geologist's office, Sudbury.

Original Compilation by: Jerome, Lucille, July 1988

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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ACCOMPANYING MAPS

Property Location Map 1

Exploration Data Map 1

Map Scale 1: 31 680 or 1 inch to ½ mile

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.J.
2	Assessment Files Research Office, Toronto	N.A.	L.J.
3	ODM General Index; 9 Volumes	Yes	L.J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	L.J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.J.
6	ODM Industrial Mineral Reports	No	L.J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L.J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L.J.
9	Newspaper Clippings File	Yes	L.J.
10	GSC Index to Publications	Yes	L.J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L.J.
12	OGS Index Maps	Yes	L.J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L.J.
14	Author - Subject Articles File	Yes	L.J.
15	Miscellaneous Papers: ODM & OGS	Yes	L.J.
16	ODM Geological Circulars: OGS Study Series	No	L.J.
17	ODM Preliminary Reports: ODM Bulletins	No	L.J.
18	ODM – OGS Open File Reports	Yes	L.J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.J.
20	OGS Aggregate Resources Inventory Papers	No	L.J.
21	OGS Mineral Potential Maps	Yes	L.J.
22	Theses on File, Sudbury	No	L.J.
23	Aerial Photographs on File, Sudbury	Yes	L.J.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . .Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . Siderite
- △ si . . . . . .Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod. . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur. . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- ▲ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . Zircon
- ▲ S. . . . . .Sulphide

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

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MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Thor Lake Prospect, Dua Lake or Solo Lake	Cu, Au	Cu 1, Cu 2 Cu 3	MRC 12, p. 244	GR 143, p. 48
B	Crystal Lake Occurrence	Cu			GR 143, p. 49
C	R. J. Jowsey Mining Co. Ltd.	Cu, Au			GR 143, p. 49
D	Railroad Occurrence	Cu			GR 143, p. 52
E	Frechette Township Occurrence	Th			GR 143, p. 53
F	Genella Exploration Ltd.	S			Frechette 0013

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Almore Explorations Ltd. (Frechette 0010)				72							71	71[1]							
2	Tri-Bridge Consolidated Gold Mines Ltd. (Frechette 0017)							73												
3	Armour Uranium and Copper Mines Ltd. (Frechette 0011)	54[2]		54	54															
4	Clericy Consolidated Mines Ltd. (GR 143, p. 48)				29[2]															
5	Teco Mines and Oils Ltd. (Frechette 0016)	68			68															
6	Genella Exploration Ltd. (Frechette 0013)							54												
7	R. J. Jowsey Mining Company Ltd. (Frechette 0015)				62															
8	Fairview Mining Inc. (Frechette 0012)			30s 50s	74			73				74[1]	74[1]							
9	Jedburgh Resources Ltd. (Frechette 0014)	84	84			84						84	84							

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
10	Jedburgh Resources Ltd. (Frechette 0014)												84							
11	Jedburgh Resources Ltd. (Frechette 0014)	84	84	83	85	83 85						84	84							
12	Midas Creek Minerals Inc. (Frechette SP-003)	87				87														
13	Midas Creek Minerals Inc. (Frechette SP-002)											87	87							

[1] No significant anomaly

[2] No data

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Almore Explorations Ltd.	1	1972	270	45	5	162	cp	
1		2	1972	270	45	12	160	cp	
1		3	1972	270	45	8	200	cp, ep, mag	
1		4	1972	270	45	12	200		
1		5	1972	270	45	10	160	mag	
1		6	1972	270	45	8	120	cp	
2	Armour Uranium and Copper	X-1	1954	309	50	0	27	cp, Cu	Cu, Au
2	Mines Ltd.	X-2	1954	129	80	0	40	cp, py	Cu, Au
2		X-3	1954	309	45	0	19	cp	Cu, Au
2		A-1	1954	084	45	14	356	cp, py	Cu, Au, Ag
3		A-2	1954	084	45	5	293	cp, py	Cu, Au, Ag
4		A-3	1954	084	45	4	389	cp, py	
5		A-4	1954	---	90	9	359	py, cp	Cu
6		A-5	1954	083	60	6	473	cp, py	Cu, Au, Ag
7		A-6	1954	269	45	6	365	py, cp	
8		A-7	1954	301	45	6	777	cp, py, mag	Cu
9	Teco Mines and Oils Ltd.	T-1	1968	---	90	6	162	py, cp	
9		T-2	1968	---	90	8	168	py, cp	
9		T-3	1968	---	90	8	175	py, cp	
9		T-4	1968	---	90	8	248	py, cp	
9		T-5	1968	---	90	1	246	py, cp	
9		T-6	1968	320	45	5	149	py, cp	
9		T-7	1968	---	90	7	261	py, cp	
9		T-8	1968	---	90	8	305	py, cp	
10		T-9	1968	---	90	11	444	py, cp	
11		T-10	1968	---	90	14	531	cp	
12		T-11	1968	280	75	32	303		
13		T-12	1968	304	45	2	442	cp, py	
13		T-13	1968	304	49	3	467	py, cp	
14	R. J. Jowsey Mining	F-1	1962	125	45	7	300	py, cp	
15	Company Ltd.	F-2	1962	310	45	17	154	py, cp	
15		F-3	1962	085	59	4	251	py, cp	
15		F-4	1962	265	55	8	168	cp, hem, py	

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
15	R. J. Jowsey Mining	F-5	1962	---	90	6	100	py	
15	Company Ltd., cont'd	F-6	1962	---	90	4	218		
15		F-7	1962	304	50	4	275	py, cp	
16	Fairview Mining Inc.	F 74-1	1974	315	60	5	325	py, cp	Au, Cu
16		F 74-2	1974	315	60	14	324	py, cp	Au, Cu
16		F 74-3	1974	315	60	15	319	py, cp	Au
16		F 74-4	1974	315	60	9	300	S	Au
17	Jedburgh Resources Ltd.	13	1985	225	45	13	95	py, cp	Au, Ag
17		14	1985	225	65	8	77	cp	Au, Ag
17		15	1985	---	90	5	97	py	Au, Ag
17		16	1985	225	46	5	97	py	Au, Ag
17		17	1985	225	65	3	77	py, cp	Au, Ag
17		18	1985	---	90	6	107		Au, Ag
17		19	1985	225	47	15	107		
17		20	1985	225	65	10	87	py, cp	Au
17		21	1985	---	90	12	107	Fe, py, cp	Au
17		22	1985	225	45	17	107	Fe, cp, py	Au
17		23	1985	225	65	10	77	Fe, py, cp, po	Au
17		24	1985	---	90	6	97	Fe, py, cp, po	Au
17		25	1985	225	45	17	81	Fe, py, po, cp	Au
17		26	1985	225	65	10	117	Fe, py, cp	Au
17		27	1985	---	90	6	96	Fe, py, cp	Au
17		28	1985	225	45	25	147	py, cp	Au
17		29	1985	---	90	3	157	py, cp	Au
17		30	1985	225	45	10	597	cp	Au
17		31	1985	225	60	8	147	Fe, cp, py, cp	
17		32	1985	---	90	4	197	Fe, py	
17		33	1985	225	60	9	165	Fe, cp, py	
17		34	1985	---	90	6	187	Fe, cp, py	
17		35	1985	225	60	7	187	Fe, py, cp	
17		36	1985	---	90	3	197	Fe, py	
17		37	1985	225	60	15	157	py, Fe	
17		38	1985	225	90	7	237	py	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
17	Jedburgh Resources Ltd.	39	1985	---	90	6	267		
17	cont'd	40	1985	---	90	5	507	py, cp	

GDIF FORM NO. 3

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AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Soil Sampling	Cu, Au	Jedburgh Resources Ltd.	Frechette 0014
2	Soil Sampling	Au	Jedburgh Resources Ltd.	Frechette 0014

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE. A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Jedburgh Resources Ltd.

Northern Miner August 15, 1985

GDIF FORM NC.

ODM GENERAL INDEX SEARCH

Words searched:

ALMORE EXPLORATIONS LTD.
ARMOUR URANIUM & COPPER MINES LTD.
CLERICY CONSOLIDATED MINES LTD.
CRYSTAL LAKE OCCURRENCE
DUA LAKE
FAIRVIEW MINING INC.
FRECHETTE TOWNSHIP
GENELLA EXPLORATION LTD.
JEDBURGH RESOURCES LTD.
JOWSEY, R. J. MINING COMPANY LTD.
MIDAS CREEK MINERALS INC.
RAILROAD OCCURRENCE

Index Volume	Listing:	Report Volume	Part	Page
5	Armour Uranium and Copper Mines Ltd. Change of name	64	1	60
5	Genella Exploration Ltd. Incorporated	63	1	57
8	Frechette, McNamara & Cotton Tps., Sudbury Dist. Summary of field work, 1971 by H. D. Meyn	MP 49		72-76
8	Frechette Tp., Sudbury Dist. Copper	MRC 12		244
8	Thorlake Prospect Frechette Tp., Sudbury Dist. mining property, report on	MRC 12		244
9	Almore Expl. Ltd. Frechette Tp., Sudbury Dist.	GR 143		38,39, 48-49
9	Armour Uranium & Copper Mines Ltd. Frechette Tp., Sudbury Dist.	GR 143		39, 48
9	Clericy Consolidated Mines Ltd. Frechette Tp., Sudbury Dist.	GR 143		48
9	Crystal Lake Occurrence Frechette Tp., Sudbury Dist. report on property	GR 143		49
9	Frechette, McNamara & Cotton Tps., Sudbury Dist.	GR 143		49, 53
	Copper	GR 143		
	Geology of the area Report & map 2307 on, 1976 by H. D. Meyn	GR 143		38-48,53
	Iron	GR 143		53
	Sand/gravel/uranium	GR 143		48-53
	Sulphides			
9	Little Burwash Lake McNamara Tp., Sudbury Dist.	GR 143		31
9	Railroad Occurrence Frechette Tp., Sudbury Dist.	GR 143		52

ODM GENERAL INDEX SEARCH

Words searched:

SOLO LAKE
TECO MINES & OILS LTD.
THORLAKE PROSPECT
TRI-BRIDGE CONSOLIDATED GOLD MINES LTD.

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1967	Westree Sheet	ODM Map P.300	1" = 2 miles
Card, K.D., Lumbers, S.B.	1974,75	Sudbury-Cobalt Geological Compilation (revised)	OGS Map 2361	1" = 4 miles
Meyn, H. D.	1972	Frechette Township	ODMNA Map P.734	1" = 1/4 mile
		GEOPHYSICAL MAPS		
GSC - ODM	1965	Aeromagnetic Map - Thor Lake	1520G	1" = 1 mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map of the Gogama-Gowganda Area	OGS Map P.2481	1:100 000
ODM - GSC	1965	Aeromagnetic Map - Gogama Sheet	7076G	1" = 4 miles
	1979	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey, Gogama	Map 80 374	1:250 000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
EMR	1975	Topographic Map - Thor Lake	41 P/3	1:50 000
Roed, M.A., Hallett, D.R.	1980	NOEGTS Data Base Map, Westree NOEGT Study 88, Westree Area	Map 5022	1:100 000
Sado, E.V., Carswell, B.F.	1987	Surficial Geology of Northern Ontario	OGS Map 2518	1:1 200 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		MINERAL POTENTIAL MAPS		
Robertson, J. A.	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet	ODM Map P.2426	1" = 16 miles
Springer, J.	1977	Ontario Mineral Potential, Gogama Sheet and Part of Ville-Marie Sheet	OGS Map P.1514	1:250 000
		GEOCHEMICAL MAPS		
		No data available as of July 10, 1988		
		GEOLOGICAL REPORTS AND MAPS		
Meyn, H. D.	1976	Geology of Frechette, McNamara and Cotton Townships	GR 143 Map 2307	1" = 1/2 mile
	1973	Geology of Frechette, McNamara and Cotton Townships	OFR 5096	
Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	MRC 12	
Thomson, J. E.	1960	Uranium and Thorium Deposits at the Base of the Huronian System in the District of Sudbury, Ontario	GR 1	
		JOURNALS, ARTICLES, THESES AND TECHNICAL REPORTS		
Card, K. D.	1959	The Uranium-Bearing Huronian Sediments of the Sudbury District; B.Sc., Queen's University	MP 2	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Chandler, F. W.	1986	Sedimentology and Paleoclimatology of the Huronian (Early Aphebian) Lorrain and Gordon Lake Formations and their Bearing on Models for Sedimentary Copper Mineralization	GSC Paper 86-1A	pp. 121-132
Eade, K. E.	1950	The Huronian Rocks of Northwestern Ontario; M.Sc., McGill University	MP 2	
Hadley, D. G.	1968	The Sedimentology of the Huronian Formation Ontario and Quebec, Canada	Theses on File	
Lindsey, D. A.	1969	Glacial Sedimentology of the Precambrian Gowganda Formation, Ontario, Canada	GSA Bull. 80	pp. 1685-1702
Yong, G. M.	1981	The Early Proterozoic Gowganda Formation, Ontario, Canada. Earth's Pre-Pleistocene Glacial Record	Cambridge University Press	pp. 807-812

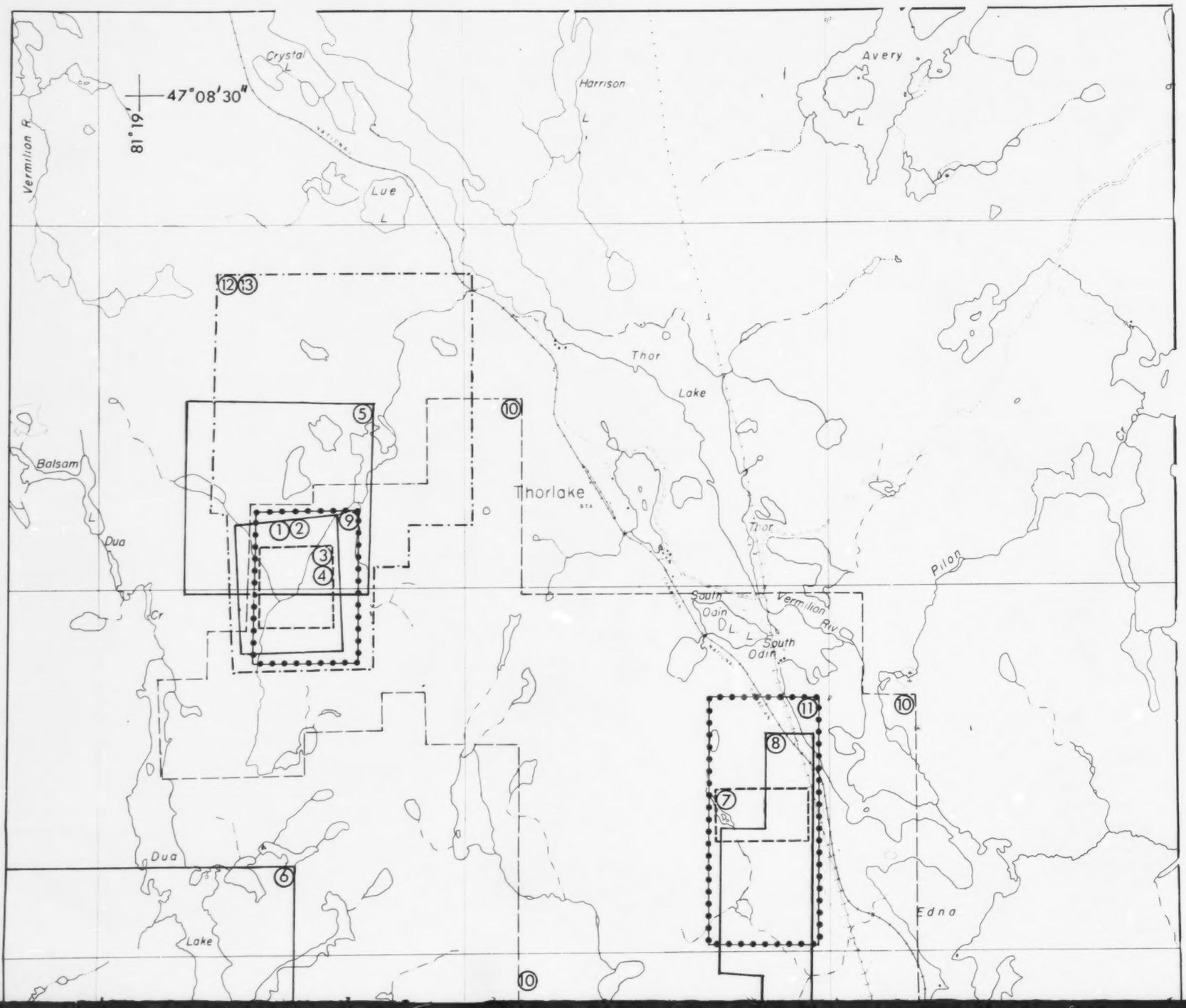
NOTES AND ADDENDA

AERIAL PHOTOGRAPHS INDEX

1" = 1/4 mile

Year	Roll	Line	Number
1970	7	4706	140-146
	7	4705	68-74
	7	4704	11-17
	5	4703	225-231

GDIF FORM NO.10



Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 482

(Map 1 of 2)

FRECHETTE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

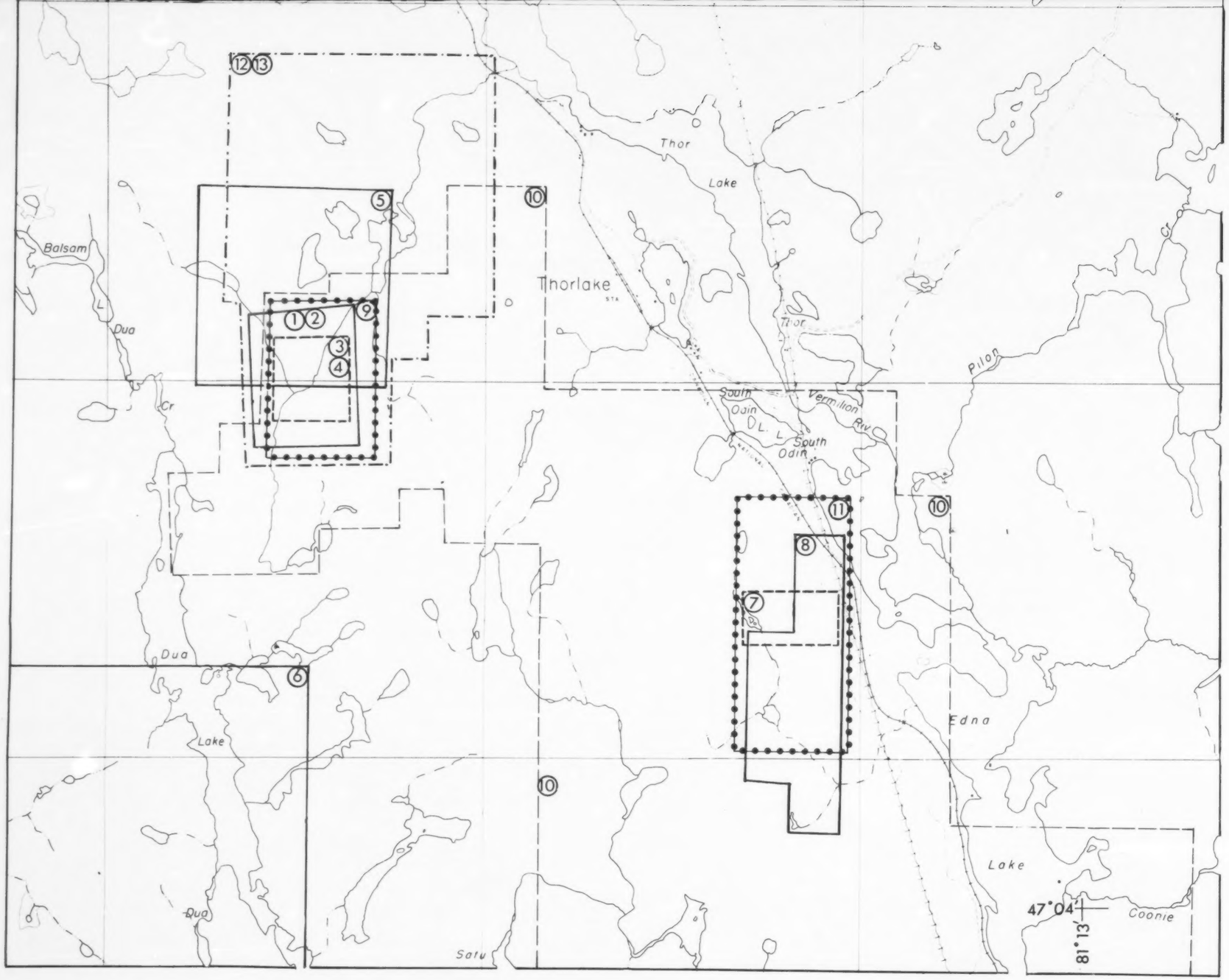
(Map 1 of 2)

FRECHETTE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

- ■ ① ⑥ — Reference number is always inside work area outlined. See listing in text pages.
- □ x ④ — Small area of exploration
- □ ★ — File covers whole township or area

TYPES OF DATA SHOWN ON THIS MAP

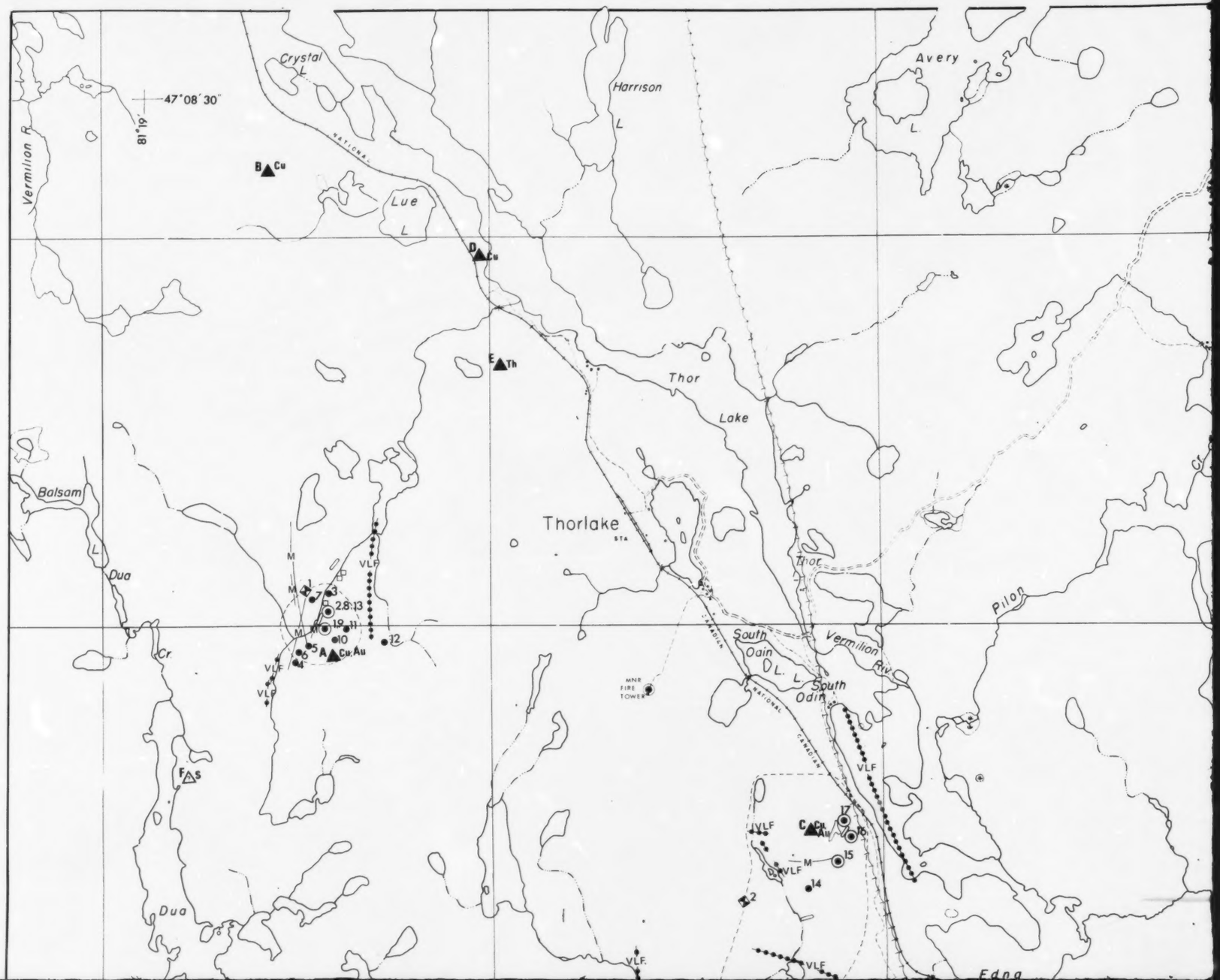
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

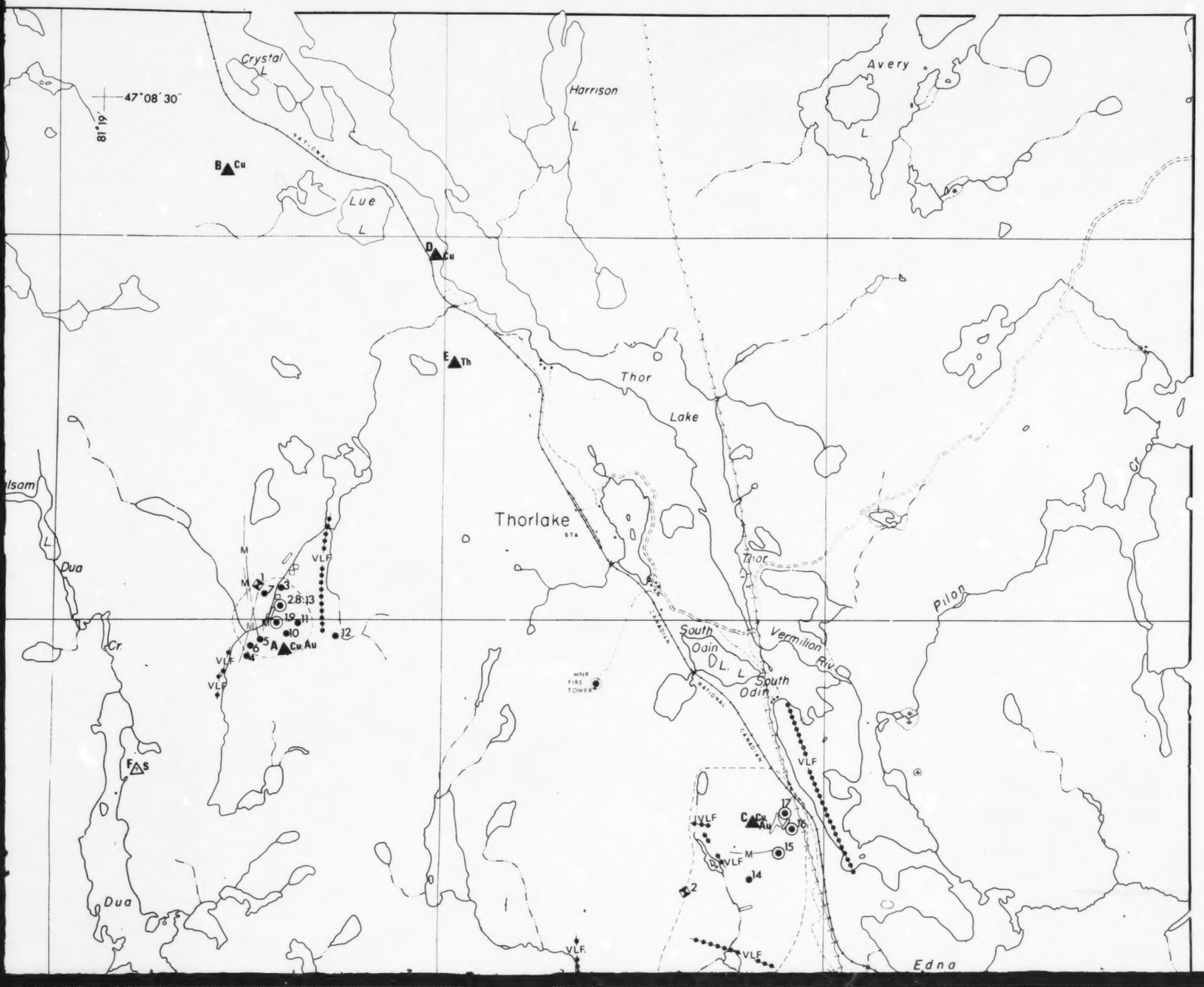
- ☐ ◆³ — Geochemical sample site, with reference number
- ■ ◆³ — Area of geochemical sampling, with reference number
- ☐ ✶² — Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne magnetic anomaly
- ☐ — Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ — Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ — Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- ☐ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly

MISCELLANEOUS DATA





Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 482

(Map 2 of 2)

FRECHETTE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with

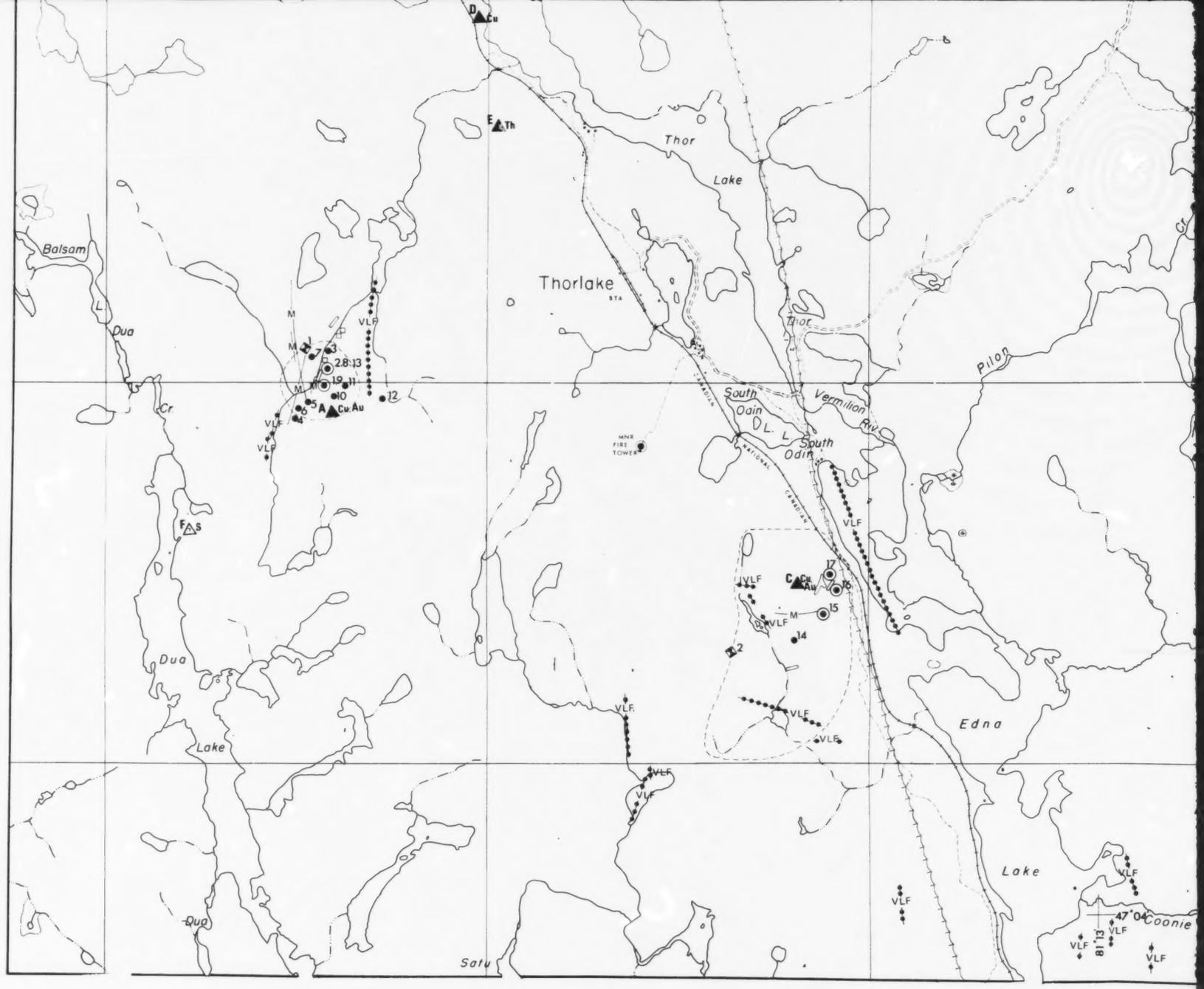
GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly — Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly — Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly — Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- ☐ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit
- ☐

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



FRECHETTE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

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- ■ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized float with reference letter
- □ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ■ ●² — Location of single drillhole, with reference number
- ■ ◉² — Location of closely spaced group of drillholes, with reference number
- □ ⊙² — Drillhole, exact location uncertain, with reference number
- □ ◎ — Property with underground drillholes in this general area with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number